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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/403,980A

DATE: 08/07/2002  
 TIME: 09:30:02

Input Set : A:\seq list.txt  
 Output Set: N:\CRF3\08072002\I403980A.raw

3 <110> APPLICANT: VIVIER, ERIC  
 4 MORETTA, ALESSANDRO  
 5 OLCESE, LUCIA  
 6 VELY, FREDERIC  
 7 TOMASELLO, ELENA  
 9 <120> TITLE OF INVENTION: NEW POLYPEPTIDES ASSOCIATED WITH ACTIVATORY RECEPTORS  
 10 AND THEIR BIOLOGICAL APPLICATIONS  
 12 <130> FILE REFERENCE: 1721-18  
 14 <140> CURRENT APPLICATION NUMBER: 09/403,980A  
 15 <141> CURRENT FILING DATE: 2000-01-19  
 17 <150> PRIOR APPLICATION NUMBER: PCT/FR98/00883  
 18 <151> PRIOR FILING DATE: 1998-04-30  
 20 <150> PRIOR APPLICATION NUMBER: FR 97/05411  
 21 <151> PRIOR FILING DATE: 1997-04-30  
 23 <150> PRIOR APPLICATION NUMBER: FR 98/00927  
 24 <151> PRIOR FILING DATE: 1998-01-28  
 26 <160> NUMBER OF SEQ ID NOS: 44  
 28 <170> SOFTWARE: PatentIn Ver. 2.1  
 30 <210> SEQ ID NO: 1  
 31 <211> LENGTH: 517  
 32 <212> TYPE: DNA  
 33 <213> ORGANISM: Mus musculus  
 35 <220> FEATURE:  
 36 <221> NAME/KEY: CDS  
 37 <222> LOCATION: (138)..(398)  
 39 <400> SEQUENCE: 1  
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 42 ggggctctgg agcctcctgg tgccttctgt tccttctgt cctcctgact gtgggaggat 120  
 44 taagtcccg acaggcc cag agt gac act ttc cca aga tgc gac tgt tct 170  
 45 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser  
 46 1 5 10  
 48 tcc gtg agc cct ggt gta ctg tct ggg att gtt ctg ggt gac ttg gtg 218  
 49 Ser Val Ser Pro Gly Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val  
 50 15 20 25  
 52 ttg act ctg ctg att gcc ctg gct gtg tac tct ctg ggc cgc ctg gtc 266  
 53 Leu Thr Leu Leu Ile Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val  
 54 30 35 40  
 56 tcc cga ggt caa ggg aca gcg gaa ggg acc cgg aaa cac att gct 314  
 57 Ser Arg Gly Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala  
 58 45 50 55  
 60 gag act gag tgc cct tat cag gag ctt cag ggt cag aga cat gaa gta 362  
 61 Glu Thr Glu Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val  
 62 60 65 70 75

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64 tac agt gac ctc aac aca cag agg caa tat tac aga tgagcccact 408
65 Tyr Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr Arg
66 80 85
68 ctatgcccac cagcggcctg atgcccggat cccgtcattc cagatgccta ctcaacaagc 468
70 cctctctgag atcaggactc ccgttggaat acagatccac aggggtacac 517
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74 <211> LENGTH: 87
75 <212> TYPE: PRT
76 <213> ORGANISM: Mus musculus
78 <400> SEQUENCE: 2
79 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly
80 1 5 10 15
82 Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile
83 20 25 30
85 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly
86 35 40 45
88 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro
89 50 55 60
91 Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp Leu Asn
92 65 70 75 80
94 Thr Gln Arg Gln Tyr Tyr Arg
95 85
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 16
100 <212> TYPE: PRT
101 <213> ORGANISM: Mus musculus
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105 1 5 10 15
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 24
110 <212> TYPE: PRT
111 <213> ORGANISM: Mus musculus
113 <400> SEQUENCE: 4
114 Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile
115 1 5 10 15
117 Ala Leu Ala Val Tyr Ser Leu Gly
118 20
121 <210> SEQ ID NO: 5
122 <211> LENGTH: 47
123 <212> TYPE: PRT
124 <213> ORGANISM: Mus musculus
126 <400> SEQUENCE: 5
127 Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln
128 1 5 10 15
130 His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg
131 20 25 30
133 His Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr Arg
134 35 40 45

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138 <211> LENGTH: 515  
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140 <213> ORGANISM: Mus musculus  
142 <400> SEQUENCE: 6  
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144 ggcctctggag cctcctgggtg ccttctgttc ctctctgtcc tctgactgt gggaggatta 120  
145 agtcccgtac aggccagag tgacacttcc ccaagatgcg actgttcttc cgtgagccct 180  
146 ggtgtactgt ctgggattgt tctgggtgac ttgggtgtga ctctgctgat tgcctggct 240  
147 gtgtactctc tgggcccgtt ggtctcccga ggtcaaggga cagcggaagg gacccgaaa 300  
148 caacacattg ctgagactga gtcgccttat caggagcttc agggtcagag acatgaagta 360  
149 tacagtgaac tcaacacaca gaggcaatat tacagatgag cccactctat gccatcagc 420  
150 ggcctgatgc ccggtccgg tcatccaga tgcctactca acaagccctc tctgagatca 480  
151 ggactcccgt tggataacag atccacaggg tacct 515  
154 <210> SEQ ID NO: 7  
155 <211> LENGTH: 371  
156 <212> TYPE: DNA  
157 <213> ORGANISM: Mus musculus  
159 <400> SEQUENCE: 7  
160 gtgcatactt ggcaccatg ggggctctgg agcctccatg gtgccttctg ttccttctg 60  
161 tctcctgac tgtgggagga ttaagtcccg tacaggccca gactgacact tcccagat 120  
162 gcgactgttc ttccgtgagc cctgggtgac tggctgggt tgttctgggt gacttgggt 180  
163 tgactctgct gattgccctg gctgtgtact ctctcggccg cctgggtctc cgagggtcaag 240  
164 ggacagcgga agggaccgg aaacaacaca ttgtgagac tgagtgcct tatcaggagc 300  
165 ttcagggtca gagaccagaa gtatacagt acctcaacac acagaggcaa tattacagat 360  
166 gagccactc t 371  
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170 <211> LENGTH: 376  
171 <212> TYPE: DNA  
172 <213> ORGANISM: Mus musculus  
174 <400> SEQUENCE: 8  
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176 gtgacacttt cccaagatgc ggtgttctt ccgtgagccc tgggtgactg gctgggattg 120  
177 ttctgggtga cttgggtgtg actctgctga ttgccctggc tgtgtactct ctgggcccgc 180  
178 tgggtctccg aggtcaagg acagcggaag ggaccggaa acaacacatt gctgagactg 240  
179 agtcgcctta tcaggagctt cagggtcaga gacatgaagt atacagtac ctcaacacac 300  
180 agaggcaata ttacagatga gccactcta tgcctatcag cggcctgatg cccggatccg 360  
181 gtcattccag atgcct 376  
184 <210> SEQ ID NO: 9  
185 <211> LENGTH: 402  
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187 <213> ORGANISM: Mus musculus  
189 <400> SEQUENCE: 9  
190 ccagcccctg gactgtgtg tccagtgc atctggccac catgggggct ctggagcctc 60  
191 ctggtgcctt ctgttcttct ctgtcctcct gactgtggga ggattaagtc ccgtacaggc 120  
192 ccagagtga actttccaa gatgcgactg ttcttccgtg agccctgggt tactggctgg 180  
193 gattgtctg ggtgacttgg tgttgactct gctgattgcc ctggctgtgt actctctggg 240  
194 ccgctgggtc tcccagggtc aaggacagc ggaagggacc cggaacaac acattgctga 300  
195 gactgagtcg ccttatcagg agcttcagg tcagagacca gaagtataca gtgacctcaa 360

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Input Set : A:\seq list.txt

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196 cacacagagg caatattaca gatgagccac tctatgccca tc 402

199 <210> SEQ ID NO: 10

200 <211> LENGTH: 482

201 <212> TYPE: DNA

202 <213> ORGANISM: Mus musculus

204 <400> SEQUENCE: 10

205 gttccttctt gtcctctga ctgtgggagg attaatgtccc gtacaggccc agagtgcac 60

206 ttcccaaga tgcgactgtt cttccgtgag ccctgggtgta ctggctggga ttgttctggg 120

207 tgacttggtg ttgactctgc tgattgccct ggctgtgtac tctctgggcc gcttggcttc 180

208 ccgaggtcaa gggacagcgg aagggacccg gaaacaacac attgctgaga ctgagtcgcc 240

209 ttatcaggag cttcagggtc agagacctga agtatacagt gacctcaaca cacagaggcg 300

210 atattacaga tgagcccaact ctatgcccat cagcggcctg atgcccggat ccggtcattc 360

211 cagatgccca ctcaacaagc ccttctgtgg gatcaggact cccgttggaa tacagatcca 420

212 cagggtaact ccctgagata tctgacattg taccatttct gtccccaat agaagacgga 480

213 ca

216 <210> SEQ ID NO: 11

217 <211> LENGTH: 171

218 <212> TYPE: PRT

219 <213> ORGANISM: Mus musculus

221 <220> FEATURE:

222 <221> NAME/KEY: MOD\_RES

223 <222> LOCATION: (133)

224 <223> OTHER INFORMATION: Any amino acid

226 <400> SEQUENCE: 11

227 Ser His Gln Val Pro Pro Ala Pro Gly Leu Trp Cys Pro Val His Ile

228 1 5 10 15

230 Trp Pro Pro Trp Gly Ser Gly Ala Ser Trp Cys Leu Leu Phe Leu Pro

231 20 25 30

233 Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala Gln Ser Asp

234 35 40 45

236 Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly Val Leu Ser

237 50 55 60

239 Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Ile Ala Leu Ala

240 65 70 75 80

242 Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu

243 85 90 95

245 Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu

246 100 105 110

248 Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg

249 115 120 125

W--> 251 Gln Tyr Tyr Arg Xaa Ala His Ser Met Pro Ile Ser Gly Leu Met Pro

252 130 135 140

254 Gly Ser Gly His Ser Arg Cys Leu Leu Asn Lys Pro Ser Leu Arg Ser

255 145 150 155 160

257 Gly Leu Pro Leu Glu Tyr Arg Ser Thr Gly Tyr

258 165 170

261 <210> SEQ ID NO: 12

262 <211> LENGTH: 123

263 <212> TYPE: PRT

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PATENT APPLICATION: US/09/403,980A

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Input Set : A:\seq list.txt  
Output Set : N:\CRF3\08072002\I403980A.raw

264 <213> ORGANISM: Mus musculus  
266 <220> FEATURE:  
267 <221> NAME/KEY: MOD\_RES  
268 <222> LOCATION: (120)  
269 <223> OTHER INFORMATION: Any amino acid  
271 <400> SEQUENCE: 12  
272 Ala Tyr Leu Ala Thr Met Gly Ala Leu Glu Pro Pro Trp Cys Leu Leu  
273 1 5 10 15  
275 Phe Leu Pro Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala  
276 20 25 30  
278 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly  
279 35 40 45  
281 Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile  
282 50 55 60  
284 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly  
285 65 70 75 80  
287 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro  
288 85 90 95  
290 Tyr Gln Glu Leu Gln Gly Gln Arg Pro Glu Val Tyr Ser Asp Leu Asn  
291 100 105 110  
W--> 293 Thr Gln Arg Gln Tyr Tyr Arg Xaa Ala His Ser  
294 115 120  
297 <210> SEQ ID NO: 13  
298 <211> LENGTH: 124  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Mus musculus  
302 <220> FEATURE:  
303 <221> NAME/KEY: MOD\_RES  
304 <222> LOCATION: (106)  
305 <223> OTHER INFORMATION: Any amino acid  
307 <400> SEQUENCE: 13  
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309 1 5 10 15  
311 Gln Ala Gln Ser Asp Thr Phe Pro Arg Cys Gly Cys Ser Ser Val Ser  
312 20 25 30  
314 Pro Gly Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu  
315 35 40 45  
317 Leu Ile Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly  
318 50 55 60  
320 Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu  
321 65 70 75 80  
323 Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp  
324 85 90 95  
W--> 326 Leu Asn Thr Gln Arg Gln Tyr Tyr Arg Xaa Ala His Ser Met Pro Ile  
327 100 105 110  
329 Ser Gly Leu Met Pro Gly Ser Gly His Ser Arg Cys  
330 115 120  
333 <210> SEQ ID NO: 14  
334 <211> LENGTH: 133

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/403,980A

DATE: 08/07/2002  
TIME: 09:30:03

Input Set : A:\seq list.txt  
Output Set: N:\CRF3\08072002\I403980A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 133  
Seq#:12; Xaa Pos. 120  
Seq#:13; Xaa Pos. 106  
Seq#:14; Xaa Pos. 128  
Seq#:15; Xaa Pos. 104,145,148,157  
Seq#:17; Xaa Pos. 108